

TORSIONAL VIBRATION DAMPER FOR A CRANKSHAFT

ABSTRACT OF THE DISCLOSURE

An all-metal torsional vibration damper is more durable and less costly than conventional dampers, and can be fabricated without the need for the additional step of securing an elastomer to metal. A plurality of spokes, which interconnect inner and outer rings, can also have a preselected size, shape and configuration in order to accomplish the necessary torsional damping characteristics for a given rotating shaft application.